

Storm Data and Unusual Weather Phenomena - December 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

IOWA, Northeast

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z010) WINNESHIEK, (IA-Z011) ALLAMAKEE, (IA-Z018) FLOYD, (IA-Z019) CHICKASAW, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON

12/08/08 12:00 CST	0	Winter Storm
12/09/08 13:30 CST	0	

Low pressure moved out of the southern Plains on December 8, reaching the eastern Great Lakes by December 9. This system brought heavy snow to much of northeast Iowa, with total accumulations between 6 and 9 inches common. Some of the highest totals included 8.8 inches near Decorah (Winneshiek County), 8.5 inches at New Hampton (Chickasaw County) and 7.8 inches at Dorchester (Allamakee County). Along and south of a line from Fayette (Fayette County) to Guttenberg (Clayton County), a mix of freezing rain and sleet occurred initially, which caused an ice glazing of 1/8 to nearly 1/4 of an inch.

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z010) WINNESHIEK, (IA-Z011) ALLAMAKEE, (IA-Z018) FLOYD, (IA-Z019) CHICKASAW, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON

12/14/08 11:55 CST	0	Cold/Wind Chill
12/16/08 03:00 CST	0	

An arctic cold front moved through during the afternoon of December 14th which sent temperatures plummeting. With the frontal passage, temperatures dropped as much as 20 degrees in 2 to 3 hours at many locations. In fact, a temperature change of around 40 degrees was common from the morning to the evening hours of December 14.

The cold was made more significant as northwest winds increased into the 20 to 30 mph range, with gusts of 35 to 45 mph. These strong winds, coupled with falling temperatures, created dangerous wind chills of 20 below to 40 below. Bitter cold conditions persisted through the day and into the evening on December 15.

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z010) WINNESHIEK, (IA-Z011) ALLAMAKEE, (IA-Z018) FLOYD, (IA-Z019) CHICKASAW, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON

12/18/08 22:00 CST	0	Winter Storm
12/19/08 11:00 CST	0	

A large winter storm system moved out of the southern Plains to the lower Great Lakes region December 18 to 19 bringing snow, freezing rain and sleet to much of the Upper Midwest. Total snow accumulations between 6 and 11 inches were common across northeast Iowa. Highest amounts included 10.5 inches at Cresco (Howard County), 10.4 inches at Fayette (Fayette County) and 10.0 inches near Ionia (Chickasaw County).

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z010) WINNESHIEK, (IA-Z011) ALLAMAKEE, (IA-Z018) FLOYD, (IA-Z019) CHICKASAW, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON

12/20/08 09:00 CST	0	Winter Storm
12/21/08 18:00 CST	0	

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z010) WINNESHIEK, (IA-Z011) ALLAMAKEE, (IA-Z018) FLOYD, (IA-Z019) CHICKASAW, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON

12/21/08 18:00 CST	0	Cold/Wind Chill
12/22/08 10:30 CST	0	

After being hit by heavy snow December 18 and 19, northeast Iowa was impacted by another winter storm December 20 through 21. Highest snowfall amounts were roughly 4 to 6 inches, with specific reports of 6.5 inches at Cresco (Howard County) and 5.9 inches at Clermont (Fayette County).

Northwest winds gusting to 30 to 40 mph in the wake of an arctic cold front produced near white-out conditions, along with 2 to 4 foot drifts. In addition to the wind and snow, sharply falling temperatures resulted in bitterly cold wind chills of 20 below to 40 below, which lingered into December 22.

MINNESOTA, Southeast

(MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z088) WINONA, (MN-Z094) MOWER, (MN-Z095) FILLMORE, (MN-Z096) HOUSTON

Storm Data and Unusual Weather Phenomena - December 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	12/08/08 14:00 CST		0	Winter Storm
	12/09/08 12:00 CST		0	

Low pressure moved out of the southern Plains on December 8, reaching the eastern Great Lakes by December 9. This system brought heavy snow to much of southeast Minnesota, with total accumulations of 6 to 9 inches common. Some of the highest totals included 9.0 inches at Rushford (Fillmore County), 8.5 inches at Dodge Center (Dodge County) and 8.0 inches near La Crescent (Houston County).

(MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z088) WINONA, (MN-Z094) MOWER, (MN-Z095) FILLMORE, (MN-Z096) HOUSTON				
	12/14/08 12:15 CST		0	Cold/Wind Chill
	12/16/08 03:00 CST		0	

An arctic cold front moved through during the afternoon and early evening hours of December 14th. With the frontal passage, temperatures dropped as much as 20 degrees in 2 to 3 hours at many locations. In fact, a temperature change of around 40 degrees was common from the morning to the evening hours of December 14th.

The cold was made more significant as northwest winds increased into the 20 to 30 mph range, with gusts of 35 to 45 mph. These strong winds, coupled with plummeting temperatures, created dangerous wind chills of 20 below to 40 below. Bitter cold conditions persisted through the day and into the evening on December 15.

(MN-Z094) MOWER, (MN-Z095) FILLMORE, (MN-Z096) HOUSTON				
	12/18/08 23:30 CST		0	Winter Storm
	12/19/08 11:00 CST		0	

A large winter storm system moved out of the southern Plains to the lower Great Lakes region December 18 to 19 bringing snow, freezing rain and sleet to much of the Upper Midwest. Total snow accumulations between 6 and 9 inches were common in far southern Minnesota along and south of Interstate 90, with highest amounts near the Minnesota Iowa border. Highest totals included 8.5 inches at Harmony (Fillmore County) and 8.4 inches at Grand Meadow (Mower County).

(MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z088) WINONA, (MN-Z094) MOWER, (MN-Z095) FILLMORE, (MN-Z096) HOUSTON				
	12/20/08 07:45 CST		0	Winter Storm
	12/21/08 18:00 CST		0	

(MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z088) WINONA, (MN-Z094) MOWER, (MN-Z095) FILLMORE, (MN-Z096) HOUSTON				
	12/21/08 18:00 CST		0	Cold/Wind Chill
	12/22/08 10:30 CST		0	

After being hit by heavy snow December 18 and 19, southeast Minnesota was impacted by another winter storm December 20 through 21. Highest snowfall amounts were generally 4 to 7 inches, with specific reports of 7.6 inches at Preston (Fillmore County), 7.0 inches near Rochester International Airport (Olmsted County) and 6.3 inches at Grand Meadow (Mower County).

Northwest winds gusting to 30 to 40 mph in the wake of an arctic cold front produced near white-out conditions, along with 2 to 4 foot drifts. In addition to the wind and snow, sharply falling temperatures resulted in bitterly cold wind chills of 20 below to 40 below, which lingered into December 22.

Due to several in a series of snow-producing systems, December 2008 would turn out to be the third snowiest December on record in Rochester, with a total of 28.6 inches. The all-time December snowfall record in Rochester remained at 35.3 inches, which was established in 2000.

(MN-Z087) OLMSTED				
	12/27/08 17:00 CST		0	Winter Weather
	12/27/08 17:00 CST		0	

A 74-year old man was injured on the northwest side of Rochester, MN when a chunk of ice and snow flew off a truck and hit the front end of his vehicle, deploying the airbag, causing him to lose control and hit a telephone pole. He was placed in critical condition at a local hospital.

Storm Data and Unusual Weather Phenomena - December 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(WI-Z029) CLARK, (WI-Z032) BUFFALO, (WI-Z033) TREMPLEALEAU, (WI-Z034) JACKSON, (WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z055) RICHLAND, (WI-Z061) GRANT				
	12/08/08 12:00 CST		0	Winter Storm
	12/09/08 13:30 CST		0	
<p>Low pressure moved out of the southern Plains on December 8, reaching the eastern Great Lakes by December 9. This system brought heavy snow to much of southwest and central Wisconsin, with total accumulations between 6 and 11 inches common. Some of the highest totals included 11.0 inches at Millston (Jackson County), 10.0 inches at Mauston (Juneau County) and 9.0 inches at Camp Douglas (Juneau County) and Richland Center (Richland County). In areas south of Highway 18 in Grant County, a mix of freezing rain and sleet occurred initially, which caused an ice glazing of 1/8 to nearly 1/4 of an inch.</p>				
(WI-Z017) TAYLOR, (WI-Z029) CLARK, (WI-Z032) BUFFALO, (WI-Z033) TREMPLEALEAU, (WI-Z034) JACKSON, (WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z055) RICHLAND, (WI-Z061) GRANT				
	12/14/08 15:00 CST		0	Cold/Wind Chill
	12/16/08 03:00 CST		0	
<p>An arctic cold front moved through during the afternoon and early evening hours of December 14th. With the frontal passage, temperatures dropped as much as 20 degrees in 2 to 3 hours at many locations. In fact, a temperature change of around 40 degrees was common from the morning to the evening hours of December 14th.</p> <p>The cold was made more significant as northwest winds increased into the 20 to 30 mph range, with gusts of 35 to 45 mph. These strong winds, coupled with plummeting temperatures, created dangerous wind chills of 20 below to 40 below. Bitter cold conditions persisted through the day and into the evening on December 15.</p>				
(WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z055) RICHLAND, (WI-Z061) GRANT				
	12/18/08 22:00 CST		0	Winter Storm
	12/19/08 11:00 CST		0	
<p>A large winter storm system moved out of the southern Plains to the lower Great Lakes region December 18 to 19 bringing snow, freezing rain and sleet to much of the Upper Midwest. Total snow accumulations between 6 and 12 inches were common in southwest Wisconsin south of Interstate 90, with highest amounts from near the Wisconsin River southward to the Wisconsin Illinois border. Highest totals included 13.0 inches at Platteville (Grant County) and 12.5 inches near Richland Center (Richland County).</p>				
(WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z055) RICHLAND, (WI-Z061) GRANT				
	12/20/08 08:30 CST		0	Winter Storm
	12/21/08 18:00 CST		0	
(WI-Z017) TAYLOR, (WI-Z029) CLARK, (WI-Z032) BUFFALO, (WI-Z033) TREMPLEALEAU, (WI-Z034) JACKSON, (WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z055) RICHLAND, (WI-Z061) GRANT				
	12/21/08 18:00 CST		0	Cold/Wind Chill
	12/22/08 10:30 CST		0	
<p>After being hit by heavy snow December 18 and 19, southwest and central Wisconsin were impacted by another winter storm December 20 through 21. Highest snowfall amounts were mainly 4 to 7 inches, with specific reports of 7.5 inches near Galesville (Trempealeau County) and 6.5 inches near La Crosse (La Crosse County) and Warrens (Monroe County).</p> <p>Northwest winds gusting to 25 to 35 mph in the wake of an arctic cold front produced blowing and drifting snow, especially on ridgetops. In addition to the wind and snow, sharply falling temperatures resulted in bitterly cold wind chills of 20 below to 40 below, which lingered into December 22.</p> <p>Due to several in a series of snow-producing systems, La Crosse would go on to establish an all-time record monthly snowfall of 32.7 inches for December 2008. The previous record snowfall for December was 30.4 inches in 1990.</p>				
(WI-Z017) TAYLOR, (WI-Z029) CLARK				
	12/30/08 04:55 CST		0	Winter Storm
	12/30/08 18:00 CST		0	
<p>Low pressure moved from the northern Plains to the lower Great Lakes on December 30 producing a stripe of heavy snow across north central Wisconsin. Highest accumulations of 6 to 8 inches were common. Specific reports included 7.0 inches at Gilman (Taylor County), 6.5 inches near Perkinstown (Taylor County) and 6.0 inches at Longwood (Clark County).</p>				